INDEX OF AUTHORS

Ahmed, F. *see* Rawson, H. M., 21

Albrechtesen, S. E. *Testing Methods for Seed-Transmitted Viruses: Principles and Protocols*, reviewed by Lesley Torrance, 131

Allison, D. B., Page, G. P., Beasley, T. M. and Edwards, J. W. (Eds) *DNA Microarrays and Related Genomics Techniques*, reviewed by Jim McNicol, 128

Amin, M. *see* Rawson, H. M., 21

Anderson, N. O. *Flower Breeding and Genetics: Issues, Challenges and Opportunities for the 21st century*, reviewed by A. E Arthur, 260

Arriaga-Jordán, C. M. *see* Espinoza-Ortega, A., 241

Asiedu, E. A. *see* Bam, R. K., 301

Attanayake, D. P. S. T. G. *see* Gunasekara, H. K. L. K., 201, 223

Aulakh, M. S. and Grant, C. A. (Eds) *Integrated Nutrient Management for Sustainable Crop Production*, reviewed by Davey Jones, 527

Azam-Ali, S. Bonkoungou, E., Bowe, C., de Kock, C. Godara, A. and Williams, J. T. *Fruits for the Future. 2. Revised Edition. Ber and other jujubes*, Ziziphus *species*, reviewed by Richard Wilkins, 407

Badu-Apraku, B., Fakorede, M. A. B. and Fontem Lum, A. Evaluation of experimental varieties from recurrent selection for *Striga* resistance in two extra-early maize populations in the savannas of West and Central Africa, 183

Bailey, M. J., Lilley, A. K., Timms-Wilson, T. M. and Spencer-Phillips, P. T. N. (Eds) *Microbial Ecology of Aerial Plant Surfaces*, reviewed by Brian Williamson, 528

Baker, C. J., Saxton, K. E., Ritchie, W. R., Chamen, W. C. T., Reicosky, D. C., Ribeiro, M. F. S., Justice, S. E. and Hobbs, P. R., *No-Tillage Seeding in Conservation Agriculture. Second Edition*. reviewed by Francis Shaxson, 522

Bam, R. K., Craufurd, P. Q., Dorward, P. T., Asiedu, E. A., Kumaga, F. K. and Ofori, K. Introducing improved cultivars: understanding farmers' seed drying and storage practices in central Ghana, 301

Basra, A. S. (Ed.) *Handbook of Seed Science and Technology*, reviewed by Richard Ellis, 260

Bastida-López, J. *see* Espinoza-Ortega, A., 241

Baum, M. *see* Ceccarelli, S., 411

Bavec, F. and Bavec, M. *Organic Production and Use of Alternative Crops*, reviewed by Keith Dawson, 263

Beaudoin-Ollivier, L. *see* Bonneau, X., 289

Bell, K. P., Boyle, K. J. and Rubin, J. (Eds) *Economics of Rural Land-Use Change*, reviewed by Mike Daw, 126

Benckiser, G. and S. Schnell, S. (Eds) *Biodiversity in Agricultural Production Systems*, reviewed by Jules Pretty, 259

Bezner Kerr, R. Snapp, S. Chirwa, M. (deceased), Shumba, L. and Msachi, R. Participatory research on legume diversification with Malawian smallholder farmers for improved human nutrition and soil fertility, 437

Black, M. Bewley, J. D. and Halmer, P. (Eds) *The Encyclopedia of Seeds: Science Technology and Uses*, reviewed by Richard Ellis, 408

Boamah-Adomako, K. *see* Lockwood, G., 455

Bonierbale, M. *see* Wulff, E. G., 353

Bonneau, X., Husni, M., Beaudoin-Ollivier, L. and Susilo, J. Controlling *Sufetula* spp: a coconut insect pest on peat soils, 289

Book reviews, 125, 257, 401, 521

Bradford, K. and Nonogaki, H. (Eds) *Seed Development: Dormancy and Germination*, reviewed by Richard Ellis, 529

Bright, G. *see* Obiri, B. D., 269

Carberry, P. S. *see* Whish, J. P. M., 505

Cardoso, E. J. B. N., Nogueira, M. A., and Ferraz, S. M. G. Biological N_2 fixation and mineral N in common bean–maize intercropping or sole cropping in southeastern Brazil, 319

Cassells, A. C. and Gahan, P. B. *Dictionary of Plant Tissue Culture*, reviewed by Steve Millam, 408

Castañeda-Martínez, T. *see* Espinoza-Ortega, A., 241

Castor, P. *see* Whish, J. P. M., 505

Ceccarelli, S., Grando, S. and Baum, M. Participatory plant breeding in water-limited environments 411

Chandra Mouli, M. R., Onsando, J. M. and Corley, R. H. V. Intensity of harvesting in tea, 41

Chirwa, M. *see* Bezner Kerr, R., 437

Cobbina, J. *see* Obiri, B. D., 269

Cooper, J. E. and Rae, J. R. (Eds) *Molecular Approaches to Soil, Rhizosphere and Plant Microoganism Analysis*, reviewed by Tim Daniell, 529

Corley, R. H. V. *see* Chandra Mouli, M. R., 41

Craufurd, P. Q. *see* Bam, R. K., 301

De Costa, W. A. J. M. *see* Gunasekara, H. K. L. K., 201, 223

de Vicente, M. C. and Andersson, M. S. (Eds). *DNA banks – providing novel options for genebanks?*, reviewed by Gavin Ramsay, 525
Deybe, D. *see* Prudent, P., 113
Dixon, G. R., *Vegetable Brassicas and Related Crucifers*, reviewed by Brian Smith, 522
Dong, Xiao-Yuan, Song, Shunfeng and Zhang, Xiaobo (Eds) *China's Agricultural Development-Challenges and Prospects*, reviewed by Mike Collinson, 266
Dorward, P. T. *see* Bam, R. K., 301
Draycott , A. P. (Ed.) *Sugar Beet*, reviewed by Michael Gooding, 130
Drevon, J. J. *see* Zaman-Allah, M., 67
Dutta Gupta, S. and Y. Ibaraki, Y. (Eds). *Plant Tissue Culture Engineering*, reviewed by Steve Millam, 258

Easterly, W. *The White Man's Burden. Why the West's Efforts to Aid the Rest Have Done So Much Ill and So Little Good*, reviewed by Andrew Bennett, 409
El Aouni, M. H., *see* Zaman-Allah, M., 67
El-Siddeg, K., Gunesana, H. P. M., Prasad, B. A., Pushpukumara, D. K. N. G., Ramana, K. V. R., Vijayananand, P. and Williams, J. T. *Fruits for the Future. 1. Revised Edition. Tamarind*. (Tamarindus indica L.), reviewed by Ian Martin, 407
Espinosa-Ayala, E., *see* Espinoza-Ortega, A., 241
Espinoza-Ortega, A., Espinosa-Ayala, E., Bastida-López, J., Castañeda-Martínez, T. and Arriaga-Jordán, C. M. Small-scale dairy farming in the highlands of central Mexico: technical, economic and social aspects and their impact on poverty, 241

Fageira, N. K., Baligar, V. C. and Clark, R. B. *Physiology of Crop Production*, reviewed by David Midmore, 405
Fakorede, M. A. B. *see* Badu-Apraku, B., 184
FAO *Guidelines for Soil Description*, reviewed by Sam Baxter, 263
FAO *Information and Communication for Natural Resource Management in Agriculture: a Training Sourcebook*, reviewed by John K. Coulter, 134
FAO *Quality Declared Seed System: FAO Plant Production and Protection Paper 185*, reviewed by Steve K. Jones, 261
FAO *World Reference Base for Soil Resources. World Soil Resources Report 103*, reviewed by Sam Baxter, 264
Ferraz, S. M. G., *see* Cardoso, E. J. B. N., 319
Fontem Lum, A. *see* Badu-Apraku, B., 184
Forbes, G. A. *see* Wulff, E.G., 353

Ghoshal, N. *see* Singh, S., 149
Gliessman, S. R. *Agroecology : Ecological Processes in Sustainable Agriculture. Second Edition*, reviewed by Jules Pretty OBE, 521
Gliessman, S. R. *Field and Laboratory Investigations in Agroecology*, reviewed by Jules Pretty OBE, 521
Gomez-Macpherson, H. *see* Rawson, H. M., 21
Gopal, J. and Khurana, S. M. P. (Eds) *Handbook of Potato Production, Improvement, and Postharvest Management*, reviewed by Finlay Dale, 405
Gowen, S. R. *see* Kalorizou, H. A., 331, 343
Gozé, E., *see* Sekloka, E, 163, 173
Grando, S. *see* Ceccarelli, S., 411
Gregory, P. *Plant Roots – Growth, Function and Interactions with the Soil*, reviewed by David Robinson, 131
Grover, Velma I. (Ed.) *Water: Global Common and Global Problems*, reviewed by Eric Craswell, 134
Guero, Y *see* Omanya, G. O., 5
Gunasekara, H. K. L. K., De Costa, W. A. J. M. and Nugawela, E. A. Genotypic variation in canopy photosynthesis, leaf gas exchange characteristics and their response to tapping in rubber (*Hevea brasiliensis*), 223
Gunasekara, H. K. L. K., Nugawela, E. A., De Costa, W. A. J. M. and Attanayake, D. P. S. T. G. Possibility of early commencement of tapping in rubber (*Hevea brasiliensis*) using different genotypes and tapping systems, 201

Halwart, M. and van Damm, A. A. *Integrated Irrigation and Aquaculture in West Africa: concepts, practices and potential*, reviewed by Lindsay Pollock, 134
Hanssens, N, *see* Omanya, G. O., 5
Haq, N. *Fruits for the Future 10. Jackfruit* (Artocarpus heterophyllus), reviewed by Hereward Corley, 407
Hartemink, A. E. *The Future of Soil Science*, reviewed by Peter J. Gregory, 133
Hau, B *see* Sekloka, E, 163, 173
Hay, R. K. M. and Porter, J. R. *The Physiology of Crop Yield. Second Edition*, reviewed by Tim Wheeler, 530
Hedden, P. and Thomas, S. G. *Plant Hormone Signaling: Annual Plant Reviews, Volume 24*, reviewed by Richard Napier, 257
Hellin, J. *Better Land Husbandry: from Soil Conservation to Holistic Land Management*, reviewed by Francis Shaxson, 125
Henry, R. J.(Ed.) *Plant Conservation Genetics*, reviewed by Nigel Maxted, 259
Heuvelink, E. *Tomatoes. Crop Production in Horticulture* 13, reviewed by David J. Hand, 262
Hilbeck, A., Andow, D. A. and Fontes, E. M. G. (Ed.) *Environmental Risk Assessment of Genetically Modified Organisms Volume 2. Methodologies for Assessing Bt cotton in Brazil*, reviewed by Derek Russell, 265
Hoanh, C. T., Tuong, T. P., Gowing, J. W. and Hardy, B. (Eds) *Environment and Livelihoods in Tropical Coastal Zones. Managing Agriculture-Fishery-Aquaculture Conflicts*, reviewed by David Little, 265
Holt, G. C. and Reed, M. (Eds) *Sociological Perspectives of Organic Agriculture*, reviewed by Martin Wolfe, 530
Holt-Giménez, Eric *Campesino a Campesino*, reviewed by David Gibbon, 125
Hossain, A. B. S. *see* Rawson, H. M., 21

Hossain, I. *see* Rawson, H. M., 21
Huang, B. (Ed.) *Plant-Environment Interactions. Third Edition*, reviewed by Wayne Powell, 406
Huffman, W. E. and Evenson, R. E. *Science for Agriculture: A Long-term Perspective. Second Edition*, reviewed by John R. Hillman, 127
Husni, M., *see* Bonneau, X., 289

Instructions to authors, 137

Jama, B. A., *see* Opala, P. A., 477
Jatango, J. A., *see* Obiri, B. D., 269
Jenks, M. A. and Hasegawa, P. M. *Plant Abiotic Stress*, reviewed by Roger S. Pearce, 257
Jenkins, G., Obituary: Dr Francis Geoffery Hugh Lupton, 1
Jiggins, J. L. S., *see* Mancini, F., 95
Jordan, B. R. (Ed.) *The Molecular Biology and Biotechnology of Flowering. Second Edition*, reviewed by Ilse Kranner, 409

Kabir, H. and Uphoff, N. Results of disseminating the system of rice intensification with farmer field school methods in northern Myanmar, 463
Kafi, M., Koocheki, A., Rashid, M. H. and Nassiri, N. (Eds) *Saffron (*Crocus sativus*) Production and Processing*, reviewed by Roger W. Smith, 129
Kafi, M., Rashed Mohassel, M. H., Koocheki, A. and Nassiri, M. (Eds) *Cumin (*Cuminum cyminum*): Production and Processing*, reviewed by Ian Martin, 523
Kalorizou, H. A., Gowen, S. R. and Wheeler, T. R. Genotypic differences in the growth of bananas (*Musa* spp.) infected with migratory endoparasitic nematodes. 1. Roots, 331
Kalorizou, H. A., Gowen, S. R. and Wheeler, T. R. Genotypic differences in the growth of bananas (*Musa* spp.) infected with migratory endoparasitic nematodes. 2. Shoots, 343
Karigwindi, J. *see* Waddington, S. R., 489
Khristiansen, P. Taji, A. and Reganold, J. *Organic Agriculture. A Global Perspective*, reviewed by David Younie, 403
Kidane, W. Maetz, M. and Dardel, P. *Food Security and Agricultural Development in sub-Saharan Africa. Building a Case for more Public Support. Policy Assistance Series 2*, reviewed by Richard S. Musangi, 526
Kifuko, M. N., Othieno, C. O., Okalebo, J. R., Kimenye, L.N., Ndung'u, K. W. and Kipkoech, A. K. Effect of combining organic residues with Minjingu phosphate rock on sorption and availabilityof phosphorus and maize production in acid soils of Western Kenya, 51
Kimenye, L. N., *see* Kifuko, M. N., 51
King, M. S. *Genetic and Production Innovations in Field Crop Technology: New Developments in Theory and Practice*, reviewed by John Bradshaw, 128
Kipkoech, A. K. *see* Kifuko, M. N., 51
Kumaga, F. K. *see* Bam, R. K., 301
Kumar, B. M. and Nair, P. K. R. (Eds) *Tropical Homegardens: A Time-Tested Example of Sustainable Forestry. Springer Series: Advances in Agroforestry. Vol.3.* reviewed by David Gibbon, 263

L'Taief, B., *see* Zaman-Allah, M., 67
Lançon, J. *see* Sekloka, E., 163, 173
Landeo, J. A. *see* Wulff, E. G., 353
Lewicki, S., *see* Sekloka, E, 163, 173
Li, T. S. C. *Taiwanese Native Medicinal Plants. Phytopharmacology and Therapeutic Values*, reviewed by Monique S. J. Simmonds, 267
Lockie, S., Lyons, K., Lawrence, G. and Halpin, D. *Going Organic: Mobilising Networks for Environmentally Responsible Food Production*, reviewed by Susanne Padel, 404
Lockwood, G., Owusu-Ansah, F. and Boamah-Adomako, K. Heritability of single plant yield and incidence of black pod disease in cocoa, 455
Loko, S., *see* Prudent, P., 113
Lommen, J. M. *see* Taye, M., 381
Luo, Y. and X. Zhuo, X. *Soil Respiration and the Environment*, reviewed by Werner L. Kutsch, 402
Lynggaard, K. *The Common Agricultural Policy and Organic Farming*, reviewed by Alan Renwick, 530

Makin, J., Bennett, J., Brunt, M. and Griffin, C. (Eds) *Developing countries: evaluation of land potential. The work of LRD, 1956–2001*, reviewed by Anthony Young, 526
Mancini, F., van Bruggen, A. H. C. and Jiggins, J. L. S. Evaluating cotton integrated pest management (IPM) farmer field school outcomes using the sustainable livelihoods approach in India, 95
Matthews, G. A. *Pesticides. Health, Safety and the Environment*, reviewed by Peter Gill, 259
McDonald, M. *see* Obiri, B. D., 269
Mekuria, M. *see* Waddington, S. R. 489
Msachi, R. *see* Bezner Kerr, R., 437
Mwamba, C. K. *Fruits for the Future. 8. Monkey Orange.* Strychnos cocculoides, reviewed by Ian Martin, 130

Ndung'u, K. W. *see* Kifuko, M. N., 51
Nelson, R. J. *see* Wulff, E. G., 353
Nogueira, M. A., *see* Cardoso, E. J. B. N., 319
Nugawela, E. A. *see* Gunasekara, H. K. L. K., 201, 223

Obiri, B. D., Bright, G., McDonald, M., Jatango, J. A., Cobbina, J. and Sinclair, F. The economic potential and farmer perceptions of herbaceous legume fallows in Ghana, 269
Ofori, K. *see* Bam, R.K., 301
Okalebo, J. R. *see* Opala, P. A., 477
Okalebo, J. R., *see* Kifuko, M. N., 51

Olasantan, F. O. Effect of population density and sowing date of pumpkin on soil hydrothermal regime, weed control and crop growth in a yam–pumpkin intercrop, 365

Olasantan, F. O., Salau, A. W. and Onuh, E. E. Influence of cassava (*Manihot esculenta*) intercrop on growth and fruit yields of pepper (*Capsicum* spp.) in south-western Nigeria, 77

Omanya, G. O., Weltzien-Rattunde, E., Sogodogo, D. Sanogo, M., Hanssens, N, Guero, Y and Zangre, R. Participatory varietal selection with improved pearl millet in West Africa, 5

Onsando, J. M. *see* Chandra Mouli, M. R., 41

Onuh, E. E. *see* Olasantan, F. O., 77

Opala, P. A., Jama, B. A., Othieno, C. O. and Okalebo, J. R. Effect of phosphate fertilizer application methods and nitrogen sources on maize in western Kenya: an agronomic and economic evaluation, 477

Osman, M. bin and Milan, Rahman. *Fruits for the future 9. Mangosteen* (Garcinia mangostana), reviewed by Hereward Corley, 130

Othieno, C. O., *see* Kifuko, M. N., 51

Othieno, C. O., *see* Opala, P.A., 477

Owens, P. N. and Collins, A. J. *Soil Erosion and Sediment Redistribution in River Catchments*, reviewed by Paul Kiepe, 402

Owusu-Ansah, F. *see* Lockwood, G., 455

Palaniswamy, U. R. and Palaniswamy, K. M. *Handbook of Statistics for Teaching and Research in Plant and Crop Science*, reviewed by Andrew Mead, 267

Pansu, M. and Gautheyrou, J. *Handbook of Soil Analysis. Mineralogical, Organic and Inorganic Methods*, reviewed by Charlie Scrimgeour, 401

Pardey, P. G., Aston, J. M. and Piggot, R. R. (Eds) *Agricultural R & D in the Developing World. Too little, too late ?*, reviewed by Amir Kassam, 525

Peake, A. O. *see* Whish, J. P. M., 505

Pérez, W., *see* Wulff, E. G., 353

Pinto, A. C. de Q., Cordeiro, M. C. R., de Andrade, S. R. M., Ferreira, F. R., Filgueiras, H. A. de C., Alves, R. E., Kinpara, D. I., *Fruits for the Future 5. Annona Species*, reviewed by Richard Wilkins, 261.

Poppy, G. M. and M. J. Wilkinson, M. J. (Eds) *Gene Flow from GM Plants*, reviewed by Malcolm Hawkesford, 127

Porter, P. W. *Challenging Nature. Local Knowledge, Agroscience, and Food Security in Tanga Region, Tanzania*, reviewed by N. Hatibu, 126

Prasad, M. N. V., Sajwan, K. S. and Naidu, R. (Eds) *Trace Elements in the Environment: Biogeochemistry, Biotechnology and Bioremediation*, reviewed by Andy A. Meharg, 265

Prudent, P., Loko, S., Deybe, D and Vaissayre, M. Factors limiting the adoption of IPM practices by cotton farmers in Benin: a participatory approach, 113

Quatrocchi, U. *CRC World Dictionary of Grasses; Common Names, Scientific Names, Eponyms, Synonyms and Etymology*. Three Volumes, reviewed by J. M. Suttie, 262

Radcliffe, D. E. and Cabrera, L. (Eds) *Modeling Phosphorus in the Environment*, reviewed by C.J.A Macleod and P. M. Haygarth, 528

Rahman, M. *see* Rawson, H. M., 21

Rai, K. and T. Takabe, T. (Eds) *Abiotic Stress Tolerance in Plants: towards the improvement of global environment and food*, reviewed by Mick Fuller, 257

Rai, M. K. *Handbook of Microbial Biofertilizers*, reviewed by Tim Daniell, 132

Raman, S. *Agricultural Sustainability: Principles, Processes and Prospects*, reviewed by Jules Pretty OBE, 404

Rashid, H., *see* Rawson, H. M., 21

Rawson, H. M., Gomez-Macpherson, H., Hossain, A.B.S., Saifuzzaman, M., Rashid, H., Sufian, M. A., Samad, M. A., Sarker, A. Z., Ahmed, F., Talukder, Z. I., Moznur Rahman, Siddique, M. M. A. B., Hossain, I. and Amin, M. On-farm wheat trials in Bangladesh: a study to reduce perceived constraints to yield in traditional wheat areas and southern lands that remain fallow during the dry season, 21

Ray, R. C. and Ward, O. P. (Eds) *Microbial Biotechnology in Horticulture. Volume 1*, reviewed by Peter Mills, 408

Ray, R. C. *Microbial Biotechnology in Agriculture and Aquaculture. Volume 2*. reviewed by G. R. Squire, 527

Razdan, M. K. and Mattoo, A. K. (Eds) *Genetic Improvement of Solanaceous Crops. Volume 2. Tomato*. reviewed by S. Shanmugasundaram, 524

Reay, D. Hewitt, C. N. Smith, K. and Grace, J. (Eds) *Greenhouse Gas Sinks*, reviewed by Jeremy Colls, 529

Rhoades, R. E. (Ed.) *Development with Identity: Community, Culture and Sustainability in the Andes*, reviewed by Patricia Biermayr-Jenzano, 126

Rieger, M. *Introduction to Fruit Crops*. reviewed by R. Brennan, 406

Rodell, P. J., Westlake, M. and Burke, J. *Demand for Products of Irrigated Agriculture in sub-Saharan Africa*. reviewed by Henry Gunston, 525

Rosset, P. M. *Food is Different. Why We Must Get the WTO Out of Agriculture*, reviewed by Adrian P. Hewitt, 527

Roy, R. N., Finck, A., Blair, G. J. and Tandon, H. L. S. *Plant Nutrition for Food Security. A Guide for Intergrated Nutrient Management*, reviewed by Charlie Shand, 132

Ruane, J. and A. Sonnino, A. *The Role of Biotechnology in Exploring and Protecting Agricultural Genetic Resources*, reviewed by Mike Ambrose, 258

Saifuzzaman, M. *see* Rawson, H. M., 21
Salau, A.W. *see* Olasantan, F. O., 77
Samad, M. A. *see* Rawson, H. M., 21
Sanogo, M. *see* Omanya, G. O., 5
Sarker, A. Z. *see* Rawson, H. M., 21
Sekloka, E., Hau, B., Gozé, E., Lewicki, S., Thomas, G. and Lançon, J. Effective flowering time variations in upland cotton (*Gossypium hirsutum*) at different planting dates and stand densities in Benin, 173
Sekloka, E., Lançon, J., Hau, B., Gozé, E., Lewicki, S. and Thomas, G. A simple method for estimating the end of effective flowering in upland cotton (*Gossypium hirsutum*) 163
Sharma, C. P. *Plant Micronutrients*, reviewed by Philip J. White, 132
Shumba, L. *see* Bezner Kerr, R., 437
Siddique, M. M. A. B. *see* Rawson, H. M., 21
Sifi, B., *see* Zaman-Allah, M., 67
Sims, B. G. and Kienzle, J. *Farm Power and Mechanization for Small Farms in Sub-Saharan Africa*, reviewed by Dick Bowers, 401
Sinclair, F., *see* Obiri, B. D., 269
Singh, H. P., Batish, D. R. and Kohli, R. K. (Eds) *Handbook of Sustainable Weed Management*, reviewed by David E. Johnson, 404
Singh, K. P. *see* Singh, S., 149
Singh, P. K., Dasgupta, S. K. and Tripathi, S. K (Eds), *Hybrid Vegetable Development*, reviewed by Brian Smith, 129
Singh, S., Ghoshal, N. and Singh, K. P. Influence of resource quality of organic inputs on rice-barley dryland agro-ecosystem: variations in biological productivity, grain yield and efficiency of nitrogen use, 149
Siziba, S. *see* Waddington, S. R., 489
Sleper, D. A. and Poehlman, J. M. *Breeding Field Crops. Fifth Edition*, reviewed by John Bradshaw, 522
Snapp, S. *see* Bezner Kerr, R., 437
Sogodogo, D. *see* Omanya, G. O., 5
Staller, J. E., Tykot, R. H. and Benz, B. F. (Eds) *Histories of Maize: Multidisciplinary Approaches to the Prehistory, Linguistics, Biogeography, Domestication and Evolution of Maize*, reviewed by Barbara Pickersgill, 523
Struik, P. C *see* Taye, M., 381
Sufian, M. A. *see* Rawson, H. M., 21
Susilo, J. *see* Bonneau, X., 289

Talukder, Z. I. *see* Rawson, H. M., 21
Taye, M., Willemien, M., Lommen, J. M. and Struik, P.C Indigenous multiplication and production practices for the tuber crop *Plectranthus edulis* in Chencha and Wolaita, southern Ethiopia, 381
Tchoundjen, Z. and Atangana, A. *Fruits for the Future 7. Ndjaanssang*. Ricidendron hendelotii, reviewed by Rob Lockwood, 261
Thomas, G. *see* Sekloka, E, 163, 173
Thomson, J. A. *GM Crops. The Impact and Potential*, reviewed by W. H. McFarlane Smith, 524
Tuba, Z. (Ed.) *Ecological Responses and Adaptations of Crops to Rising Atmospheric Carbon Dioxide*, reviewed by D. K. L. MacKerron, 128

Unger, P. W. *Soil and Water Conservation Handbook*, reviewed by Stephen Nortcliff, 402
Uphoff, N. *see* Kabir, H., 463
Uphoff, N., Ball, A. S., Fernandes, E., Herron, H., Husson, O., Laing, M., Palm, C., Pretty, J., Sanchez, P., Sanginga, N. and Thies, J. *Biological Approaches to Sustainable Soil Systems*, reviewed by Peter J. Gregory, 133

Vaissayre, M. *see* Prudent, P., 113
van Bruggen, A. H. C. *see* Mancini, F., 95
Vermeulen, S. and Goad, N. *Towards Better Practice in Smallholder Palm Oil Production. Natural Resources Issues Series No. 5*, reviewed by Hereward Corley, 523

Waddington, S. R. Mekuria, M. Siziba, S. and Karigwindi, J. Long-term yield sustainability and financial returns from grain legume–maize intercrops on a sandy soil in subhumid north central Zimbabwe, 489
Warkentin, Benno P. (Ed.) *Footprints in the Soil: People and Ideas in Soil History*, reviewed by Chris Mullins, 264
Weltzien-Rattunde, E., *see* Omanya, G. O., 5
Wheeler, T. R. *see* Kalorizou, H. A., 331, 343
Whish, J. P. M., Castor, P., Carberry, P. S. and Peake, A. O. On-farm assessment of constraints to chickpea (*Cicer arietinum* L.) production in marginal areas of northern Australia, 505
Willemien, M., *see* Taye, M., 381
Wojtkowski, P. A. *Introduction to Agroecology. Principles and Practices*, reviewed by Sayed Azam-Ali, 403
Wulff, E. G., Pérez, W., Nelson, R. J., Bonierbale, M., Landeo, J. A. and Forbes, G. A. Identification of stable resistance to *Phytophthora infestans* in potato genotypes evaluated in field experiments in Peru, 353

Zaman-Allah, M., Sifi, B., L'Taief, B., El Aouni, M. H., Drevon, J. J. Rhizobial inoculation and P fertilization response in common bean (*Phaseolus vulgaris*) under glasshouse and field conditions 67
Zangre, R. *see* Omanya, G. O., 5
Zhou, Zhang-Yue and Tian, Wei-Ming *Grains in China: Foodgrains, Feedgrain and World Trade*, reviewed by C.S.Srinivasan, 266

INDEX OF SUBJECTS

A simple method for estimating the end of effective flowering in upland cotton (*Gossypium hirsutum*) (Sekloka, Lançon, Hau, Gozé, Lewicki and Thomas), 163

Abiotic Stress Tolerance in Plants: Towards the improvement of global environment and food, Rai, K. and Takabe, T. (Eds), reviewed by Mick Fuller, 257

Africa: Evaluation of experimental varieties from recurrent selection for *Striga* resistance in two extra-early maize populations, (Badu-Apraku, Fakorede and Fontem Lum), 183

Agricultural R & D in the Developing World. Too little, too late?, Pardey, P. G. Aston, J. M. and Piggot, R. R. (Eds), reviewed by Amir Kassam, 525

Agricultural Sustainability: Principles, Processes and Prospects, Raman, S., reviewed by Jules Pretty OBE, 404

Agroecology : Ecological Processes in Sustainable Agriculture. Second Edition, Gliessman, S. R., reviewed by Jules Pretty OBE, 521

Australia: On-farm assessment of constraints to chickpea (*Cicer arietinum* L.) production in marginal areas (Whish, Castor, Carberry and Peake), 505

Banana: Genotypic differences in the growth when infected with migratory endoparasitic nematodes. 1. Roots (Kalorizou, Gowen and Wheeler), 331

Banana: Genotypic differences in the growth when infected with migratory endoparasitic nematodes. 2. Shoots (Kalorizou, Gowen and Wheeler), 343

Bangladesh: On-farm wheat trials: a study to reduce perceived constraints to yield in traditional wheat areas and southern lands that remain fallow during the dry season (Rawson, Gomez-Macpherson, Hossain, Saifuzzaman, Rashid, Sufian, Samad, Sarker, Ahmed, Talukder, Moznur Rahman, Siddique, Hossain and Amin), 21

Barley-rice dryland agro-ecosystem: variations in biological productivity, grain yield and efficiency of nitrogen use, influence of resource quality of organic inputs on (Singh, Ghoshal and Singh), 149

Bean, common: Rhizobial inoculation and P fertilization response under glasshouse and field conditions (Zaman-Allah, Sifi, L'Taief, El Aouni and Drevon), 67

Bean–maize intercropping and biological N_2 fixation in southeastern Brazil (Cardoso, Nogueira and Ferraz), 319

Benin: Effective flowering time variations in upland cotton (*Gossypium hirsutum*) at different planting dates and stand densities (Sekloka, Hau, Gozé, Lewicki, Thomas and Lançon), 173

Benin: Factors limiting the adoption of IPM practices by cotton farmers: a participatory approach (Prudent, Loko, Deybe and Vaissayre), 113

Better Land Husbandry: from Soil Conservation to Holistic Land Management, Hellin, J., reviewed by Francis Shaxson, 125

Biodiversity in Agricultural Production Systems, Benckiser, G. and Schnell, S. (Eds), reviewed by Jules Pretty, 259

Biological Approaches to Sustainable Soil Systems, Uphoff, N., Ball, A. S., Fernandes, E., Herron, H., Husson, O., Laing, M., Palm, C., Pretty, J., Sanchez, P., Sanginga, N. and Thies, J., reviewed by Peter J. Gregory, 133

Biological N_2 fixation and mineral N in common bean–maize intercropping or sole cropping in southeastern Brazil (Cardoso, Nogueira and Ferraz), 319

Black pod disease: Heritability of single plant yield and incidence in cocoa (Lockwood, Owusu-Ansah and Boamah-Adomako), 455

Blight, potato *see Phytophthora infestans*

Book reviews, 125, 257, 401, 521

Brazil: Biological N_2 fixation and mineral N in common bean–maize intercropping or sole cropping (Cardoso, Nogueira and Ferraz), 319

Breeding Field Crops. Fifth Edition, Sleper, D. A. and Poehlman, J. M., reviewed by John Bradshaw, 522

Camellia sinensis see Tea

Campesino a Campesino, Holt-Giménez, Eric, reviewed by David Gibbon, 125

Capsicum spp. *see* Pepper

Cassava: Influence of intercrop on growth and fruit yields of pepper (*Capsicum* spp.) in south-western Nigeria (Olasantan, Salau and Onuh), 77

Challenging Nature. Local Knowledge, Agroscience, and Food Security in Tanga Region, Tanzania, Porter, P. W., reviewed by N. Hatibu, 126

Chickpea (*Cicer arietinum* L.): On-farm assessment of constraints to production in marginal areas of

northern Australia (Whish, Castor, Carberry and Peake), 505
China's Agricultural Development-Challenges and Prospects, Dong, Xiao-Yuan, Song, Shunfeng and Zhang, Xiaobo (Eds), reviewed by Mike Collinson, 266
Cicer arietinum see Chickpea
Cicer arietinum see Chickpea
Cocoa: Heritability of single plant yield and incidence of black pod disease (Lockwood, Owusu-Ansah and Boamah-Adomako), 455
Coconut: Controlling *Sufetula* spp: an insect pest on peat soils(Bonneau, Husni, Beaudoin-Ollivier and Susilo), 289
Cocos nucifer see Coconut
Controlling *Sufetula* spp: a coconut insect pest on peat soils(Bonneau, Husni, Beaudoin-Ollivier and Susilo), 289
Cotton (*Gossypium hirsutum*): Effective flowering time variations at different planting dates and stand densities in Benin (Sekloka, Hau, Gozé, Lewicki, Thomas and Lançon), 173
Cotton farmers: the adoption of IPM practices by cotton farmers in Benin: a participatory approach, (Prudent, Loko, Deybe and Vaissayre), 113
Cotton: Evaluating integrated pest management (IPM) farmer field school outcomes using the sustainable livelihoods approach in India (Mancini, F., van Bruggen and Jiggins), 95
CRC World Dictionary of Grasses; Common Names, Scientific Names, Eponyms, Synonyms and Etymology. Three Volumes, Quatrocchi, U., reviewed by J. M. Suttie, 262
Cucurbita maxima see Pumpkin
*Cumin (*Cuminum cyminum*): Production and Processing*, Kafi, M., Rashed Mohassel, M. H., Koocheki, A. and Nassiri, M. (Eds), reviewed by Ian Martin, 523

Dairy farming, small-scale, in the highlands of central Mexico: technical, economic and social aspects and their impact on poverty (Espinoza-Ortega, Espinosa-Ayala, Bastida-López, Castañeda-Martínez and Arriaga-Jordán), 241
Demand for Products of Irrigated Agriculture in sub-Saharan Africa, Rodell, P. J., Westlake, M. and Burke, J., reviewed by Henry Gunston, 525
Developing countries: evaluation of land potential. The work of LRD, 1956–2001, Makin, J., Bennett, J., Brunt, M. and Griffin, C. (Eds), reviewed by Anthony Young, 526
Development with Identity: Community, Culture and Sustainability in the Andes, Rhoades, R. E. (Ed.), reviewed by Patricia Biermayr-Jenzano, 126
Dictionary of Plant Tissue Culture, Cassells, A. C. and Gahan, P. B., reviewed by Steve Millam, 408
Dioscorea spp. *See* Yam
DNA Banks – Providing Novel Options for Genebanks?, de Vicente, M. C. and Andersson, M. S. (Eds), reviewed by Gavin Ramsay, 525
DNA Microarrays and Related Genomics Techniques, Allison, D. B., Page, G. P., Beasley, T. M. and Edwards, J. W. (Eds), reviewed by Jim McNicol, 128

Ecological Responses and Adaptations of Crops to Rising Atmospheric Carbon Dioxide, Tuba, Z. (Ed.), reviewed by D. K. L. MacKerron, 128
Economics of Rural Land-Use Change, Bell, K. P., Boyle, K. J. and Rubin, J. (Eds), reviewed by Mike Daw, 126
Effect of combining organic residues with Minjingu phosphate rock on sorption and availabilityof phosphorus and maize production in acid soils of Western Kenya (Kifuko, Othieno, Okalebo, Kimenye, Ndung'u and Kipkoech), 51
Effect of phosphate fertilizer application methods and nitrogen sources on maize in western Kenya: an agronomic and economic evaluation (Opala, Jama, Othieno and Okalebo), 477
Effect of population density and sowing date of pumpkin on soil hydrothermal regime, weed control and crop growth in a yam–pumpkin intercrop (Olasantan), 365
Effective flowering in upland cotton (*Gossypium hirsutum*), simple method for estimating its end(Sekloka, Lançon, Hau, Gozé, Lewicki and Thomas), 163
Effective flowering time variations in upland cotton (*Gossypium hirsutum*) at different planting dates and stand densities in Benin (Sekloka, Hau, Gozé, Lewicki, Thomas and Lançon), 173
Environment and Livelihoods in Tropical Coastal Zones. Managing Agriculture-Fishery-Aquaculture Conflicts, Hoanh, C. T., Tuong, T. P., Gowing, J. W. and Hardy, B. (Eds), reviewed by David Little, 265
Environmental Risk Assessment of Genetically Modified Organisms Volume 2. Methodologies for Assessing Bt cotton in Brazil, Hilbeck, A., Andow, D. A. and Fontes, E. M. G. (Ed.), reviewed by Derek Russell, 265
Ethiopia: Indigenous multiplication and production practices for the tuber crop *Plectranthus edulis* in Chencha and Wolaita (Taye, Willemien, Lommen and Struik), 381
Evaluating cotton integrated pest management (IPM) farmer field school outcomes using the sustainable livelihoods approach in India (Mancini, van Bruggen and Jiggins), 95
Evaluation of experimental varieties from recurrent selection for *Striga* resistance in two extra-early maize populations in the savannas of West and Central Africa (Badu-Apraku, Fakorede and Fontem Lum), 184

Factors limiting the adoption of IPM practices by cotton farmers in Benin: a participatory approach (Prudent, Loko, Deybe and Vaissayre), 113

Fallows, leguminous: The economic potential and farmer perceptions in Ghana (Bam, Craufurd, Dorward, Asiedu, Kumaga and Ofori), 301

Farm Power and Mechanization for Small Farms in Sub-Saharan Africa, Sims, B. G. and Kienzle, J., reviewed by Dick Bowers, 401

Farmer field schools, role in disseminating the system of rice intensification in northern Myanmar (Kabir and Uphoff), 463

Farmer field schools: evaluating role in cotton integrated pest management (IPM) using the sustainable livelihoods approach in India (Mancini, F., van Bruggen and Jiggins), 95

Field and Laboratory Investigations in Agroecology, Gliessman, S. R., reviewed by Jules Pretty OBE, 521

Flower Breeding and Genetics: Issues, Challenges and Opportunities for the 21st century, Anderson, N.O., reviewed by A. E Arthur, 260

Food is Different. Why We Must Get the WTO Out of Agriculture, Rosset, P. M., reviewed by Adrian P. Hewitt, 527

Food Security and Agricultural Development in sub-Saharan Africa. Building a Case for more Public Support. Policy Assistance Series 2, Kidane, W. Maetz, M. and Dardel, P., reviewed by Richard S. Musangi, 526

Footprints in the Soil: People and Ideas in Soil History, Warkentin, Benno P. (Ed.), reviewed by Chris Mullins, 264

Fruits for the Future 10. Jackfruit (Artocarpus heterophyllus), Haq, N., reviewed by Hereward Corley, 407

Fruits for the Future 5. Annona *Species*, by Pinto, A. C. de Q., Cordeiro, M. C. R., Andrade, S. R. M. de, Ferreira, F. R., Filgueiras, H. A. de C., Alves, R. E., Kinpara, D. I., reviewed by Richard Wilkins, 261.

Fruits for the Future 7. Ndjaanssang. Ricidendron hendelotii, Tchoundjen, Z. and Atangana, A., reviewed by Rob Lockwood, 261

*Fruits for the future 9. Mangosteen (*Garcinia mangostana*)*, Osman, M. bin and Milan, Rahman, reviewed by Hereward Corley, 130

Fruits for the Future. 1. Revised edition. Tamarind. (Tamarindus indica L.), El-Siddeg, K., Gunesana, H. P. M., Prasad, B. A., Pushpukumara, D. K. N. G., Ramana, K. V. R., Vijayananand, P. and Williams, J. T., reviewed by Ian Martin, 407

Fruits for the Future. 2. Revised edition. Ber and other jujubes, Ziziphus *species*, Azam-Ali, S. Bonkoungou, E., Bowe, C., de Kock, C. Godara, A. and Williams, J. T., reviewed by Richard Wilkins, 407

Fruits for the Future. 8. Monkey Orange. Strychnos cocculoides, Mwamba, C. K., reviewed by Ian Martin, 130

Gene Flow from GM Plants, Poppy, G. M. and Wilkinson, M. J. (Eds), reviewed by Malcolm Hawkesford, 127

Genetic and Production Innovations in Field Crop Technology: New Developments in Theory and Practice, King, M. S., reviewed by John Bradshaw, 128

Genetic Improvement of Solanaceous Crops. Volume 2. Tomato, Razdan, M. K. and Mattoo, A. K. (Eds), reviewed by S. Shanmugasundaram, 524

Genotypic differences in the growth of bananas (*Musa* spp.) infected with migratory endoparasitic nematodes. 1. Roots (Kalorizou, Gowen and Wheeler), 331

Genotypic differences in the growth of bananas (*Musa* spp.) infected with migratory endoparasitic nematodes. 2. Shoots (Kalorizou, Gowen and Wheeler), 343

Genotypic variation in canopy photosynthesis, leaf gas exchange characteristics and their response to tapping in rubber (*Hevea brasiliensis*) (Gunasekara, De Costa and Nugawela), 223

Ghana: Introducing improved cultivars: understanding farmers' seed drying and storage practices (Bam, Craufurd, Dorward, Asiedu, Kumaga and Ofori), 301

Ghana: The economic potential and farmer perceptions of herbaceous legume fallows (Obiri, Bright, G., McDonald, M., Jatango, Cobbina and Sinclair), 269

GM Crops. The Impact and Potential, Thomson, J. A., reviewed by W. H. McFarlane Smith, 524

Going Organic: Mobilising Networks for Environmentally Responsible Food Production, Lockie, S., Lyons, K., Lawrence, G. and Halpin, D., reviewed by Susanne Padel, 404

Gossypium hirsutum see Cotton

Gossypium hirsutum see Cotton

Grains in China: Foodgrains, Feedgrain and World Trade, Zhou, Zhang-Yue and Tian, Wei-Ming, reviewed by C. S.Srinivasan, 266

Greenhouse Gas Sinks, Reay, D. Hewitt, C. N. Smith, K. and Grace, J. (Eds), reviewed by Jeremy Colls, 529

Guidelines for Soil Description, FAO, reviewed by Sam Baxter, 263

Handbook of Microbial Biofertilizers, Rai, M. K., reviewed by Tim Daniell, 132

Handbook of Potato Production, Improvement, and Postharvest Management, Gopal, J. and Khurana, S. M.P. (Eds), reviewed by Finlay Dale, 405

Handbook of Seed Science and Technology, Basra, A. S. (Ed.), reviewed by Richard Ellis, 260

Handbook of Soil Analysis. Mineralogical, Organic and Inorganic Methods, Pansu, M. and Gautheyrou, J. reviewed by Charlie Scrimgeour, 401

Handbook of Statistics for Teaching and Research in Plant and Crop Science, Palaniswamy, U. R. and Palaniswamy, K. M., reviewed by Andrew Mead, 267

Handbook of Sustainable Weed Management, Singh, H. P., Batish, D. R. and Kohli, R. K. (Eds), reviewed by David E. Johnson, 404
Heritability of single plant yield and incidence of black pod disease in cocoa (Lockwood, Owusu-Ansah and Boamah-Adomako), 455
Hevea brasiliensis see Rubber
Hevea brasiliensis see rubber
Histories of Maize: Multidisciplinary Approaches to the Prehistory, Linguistics, Biogeography, Domestication and Evolution of Maize, Staller, J. E., Tykot, R. H. and Benz, B. F. (Eds), reviewed by Barbara Pickersgill, 523
Hordeum vulgare see Barley
Hybrid Vegetable Development, Singh, P. K., Dasgupta, S.K. and Tripathi, S. K. (Eds), reviewed by Brian Smith, 129

Identification of stable resistance to *Phytophthora infestans* in potato genotypes evaluated in field experiments in Peru (Wulff, Pérez, Nelson, Bonierbale, Landeo and Forbes), 353
India: Evaluating cotton integrated pest management (IPM) farmer field school outcomes using the sustainable livelihoods approach (Mancini, van Bruggen and Jiggins), 95
India: Influence of resource quality of organic inputs on rice-barley dryland agro-ecosystem: variations in biological productivity, grain yield and efficiency of nitrogen use (Singh, Ghoshal and Singh), 149
India: Intensity of harvesting in tea (Chandra Mouli, Onsando and Corley), 41
Indigenous multiplication and production practices for the tuber crop *Plectranthus edulis* in Chencha and Wolaita, southern Ethiopia (Taye, Willemien, Lommen and Struik), 381
Indigenous multiplication and production practices for the tuber crop *Plectranthus edulis* in Chencha and Wolaita, southern Ethiopia (Taye, Willemien, Lommen and Struik), 381
Influence of cassava (*Manihot esculenta*) intercrop on growth and fruit yields of pepper (*Capsicum* spp.) in south-western Nigeria (Olasantan, Salau and Onuh), 77
Influence of resource quality of organic inputs on rice-barley dryland agro-ecosystem: variations in biological productivity, grain yield and efficiency of nitrogen use (Singh, Ghoshal and Singh), 149
Information and Communication for Natural Resource Management in Agriculture: a Training Sourcebook, FAO, reviewed by John K. Coulter, 134
Instructions to authors
Integrated Irrigation and Aquaculture in West Africa: Concepts, Practices and Potential, Halwart, M. and van Damm, A. A., reviewed by Lindsay Pollock, 134
Integrated Nutrient Management for Sustainable Crop Production, Aulakh, M. S. and Grant, C. A. (Eds), reviewed by Davey Jones, 527
Integrated pest management (IPM) for cotton: farmer field school outcomes using the sustainable livelihoods approach in India (Mancini, F., van Bruggen and Jiggins), 95
Intensity of harvesting in tea (Chandra Mouli, Onsando and Corley), 41
Introducing improved cultivars: understanding farmers' seed drying and storage practices in central Ghana (Bam, Craufurd, Dorward, Asiedu, Kumaga and Ofori), 301
Introduction to Agroecology. Principles and Practices, Wojtkowski, P. A., reviewed by Sayed Azam-Ali, 403
Introduction to Fruit Crops, Rieger, M., reviewed by R. Brennan, 406
IPM practices: Factors limiting their adoption by cotton farmers in Benin: a participatory approach (Prudent, Loko, Deybe and Vaissayre), 113

Kenya: Effect of combining organic residues with Minjingu phosphate rock on sorption and availabilityof phosphorus and maize production in acid soils (Kifuko, Othieno, Okalebo, Kimenye, Ndung'u and Kipkoech), 51
Kenya: Effect of phosphate fertilizer application methods and nitrogen sources on maize: an agronomic and economic evaluation (Opala, Jama, Othieno and Okalebo), 477
Kenya: Intensity of harvesting in tea (Chandra Mouli, Onsando and Corley), 41

Legume–maize intercrops: Long-term yield sustainability and financial returns on a sandy soil in subhumid north central Zimbabwe (Waddington, Mekuria, Siziba and Karigwindi), 489
Legumes: Participatory research with Malawian smallholder farmers for improved human nutrition and soil fertility (Bezner Kerr, Snapp, Chirwa, Shumba and Msachi), 437
Long-term yield sustainability and financial returns from grain legume–maize intercrops on a sandy soil in subhumid north central Zimbabwe (Waddington, Mekuria, Siziba and Karigwindi), 489
Lupton, Dr F.G.H., Obituary, 1

Maize: Effect of phosphate fertilizer application methods and nitrogen sources in western Kenya: an agronomic and economic evaluation (Opala, Jama, Othieno and Okalebo), 477
Maize: *Striga* resistance in two extra-early maize populations in the savannas of West and Central Africa, evaluation of experimental varieties from recurrent selection (Badu-Apraku, Fakorede and Fontem Lum), 183
Maize–bean intercropping and biological N_2 fixation in southeastern Brazil (Cardoso, Nogueira and Ferraz), 319

Maize–legume intercrops: Long-term yield sustainability and financial returns on a sandy soil in subhumid north central Zimbabwe (Waddington, Mekuria, Siziba and Karigwindi), 489
Malawi: Participatory research on legume diversification with smallholder farmers for improved human nutrition and soil fertility (Bezner Kerr, Snapp, Chirwa, Shumba and Msachi), 437
Manihot esculenta see Cassava
Mexico: Small-scale dairy farming in the highlands: technical, economic and social aspects and their impact on poverty (Espinoza-Ortega, Espinosa-Ayala, Bastida-López, Castañeda-Martínez and Arriaga-Jordán), 241
Microbial Biotechnology in Agriculture and Aquaculture. Volume 2, Ray, R. C., reviewed by G. R. Squire, 527
Microbial Biotechnology in Horticulture. Volume 1, Ray, R. C. and Ward, O. P. (Eds), reviewed by Peter Mills, 408
Microbial Ecology of Aerial Plant Surfaces, Bailey, M. J., Lilley, A. K., Timms-Wilson, T. M. and Spencer-Phillips, P. T. N. (Eds), reviewed by Brian Williamson, 528
Modeling Phosphorus in the Environment, Radcliffe, D. E. and Cabrera, L. (Eds), reviewed by C. J. A. Macleod and P. M. Haygarth, 528
Molecular Approaches to Soil, Rhizosphere and Plant Microoganism Analysis, Cooper, J. E. and Rae, J.R. (Eds), reviewed by Tim Daniell, 529
Musa see banana
Myanmar: Results of disseminating the system of rice intensification with farmer field school methods (Kabir and Uphoff), 463

Nematodes, migratory endoparasitic, infection: Genotypic differences in the growth of bananas (*Musa* spp.) (Kalorizou, Gowen and Wheeler), 331, 343
Nigeria: Effect of population density and sowing date of pumpkin on soil hydrothermal regime, weed control and crop growth in a yam–pumpkin intercrop (Olasantan), 365
Nigeria: Influence of cassava (*Manihot esculenta*) intercrop on growth and fruit yields of pepper (*Capsicum* spp.) (Olasantan, Salau and Onuh), 77
No-Tillage Seeding in Conservation Agriculture. 2nd Edition, Baker, C. J., Saxton, K. E., Ritchie, W. R., Chamen, W. C. T., Reicosky, D. C., Ribeiro, M. F. S. Justice, S. E. and Hobbs, P. R., reviewed by Francis Shaxson, 522

On-farm assessment of constraints to chickpea (*Cicer arietinum* L.) production in marginal areas of northern Australia (Whish, Castor, Carberry and Peake), 505
On-farm wheat trials in Bangladesh: a study to reduce perceived constraints to yield in traditional wheat areas and southern lands that remain fallow during the dry season (Rawson, Gomez-Macpherson, Hossain, Saifuzzaman, Rashid, Sufian, Samad, Sarker, Ahmed, Talukder, Moznur Rahman, Siddique, Hossain and Amin), 21
Organic Agriculture. A Global Perspective, Khristiansen, P. Taji, A. and Reganold, J., reviewed by David Younie, 403
Organic Production and Use of Alternative Crops, Bavec, F. and Bavec, M., reviewed by Keith Dawson, 263
Oryza sativa see Rice

Participatory plant breeding in water-limited environments (Ceccarelli, Grando and Baum), 411
Participatory research on legume diversification with Malawian smallholder farmers for improved human nutrition and soil fertility (Bezner Kerr, Snapp, Chirwa, Shumba and Msachi), 437
Participatory varietal selection with improved pearl millet in West Africa (Omanya, Weltzien-Rattunde, Sogodogo, Sanogo, Hanssens, Guero and Zangre), 5
Pearl millet: Participatory varietal selection in West Africa (Omanya, Weltzien-Rattunde, Sogodogo, Sanogo, Hanssens, Guero and Zangre), 5
Pennisetum vulgare see Pearl millet
Pepper (*Capsicum* spp.): Influence of cassava (*Manihot esculenta*) intercrop on growth and fruit yields in south-western Nigeria (Olasantan, Salau and Onuh), 77
Peru: Identification of stable resistance to *Phytophthora infestans* in potato genotypes evaluated in field experiments (Wulff, Pérez, Nelson, Bonierbale, Landeo and Forbes), 353
Pesticides. Health, Safety and the Environment, Matthews, G. A., reviewed by Peter Gill, 259
Phaseolus vulgaris see bean, common
Physiology of Crop Production, Fageira, N. K., Baligar, V. C. and Clark, R. B., reviewed by David Midmore, 405
Phytophthora infestans: Identification of stable resistance of potato genotypes evaluated in field experiments in Peru (Wulff, Pérez, Nelson, Bonierbale, Landeo and Forbes), 353
Plant Abiotic Stress, Jenks, M. A. and Hasegawa, P. M., reviewed by Roger S. Pearce, 257
Plant Conservation Genetics, Henry, R. J.(Ed.), reviewed by Nigel Maxted, 259
Plant Hormone Signaling: Annual Plant Reviews, Volume 24, Hedden, P. and Thomas, S. G., reviewed by Richard Napier, 257
Plant Micronutrients, Sharma, C. P., reviewed by Philip J. White, 132
Plant Nutrition for Food Security. A Guide for Intergrated Nutrient Management, Roy, R. N., Finck, A., Blair, G. J. and Tandon, H. L. S., reviewed by Charlie Shand, 132

Plant Roots – Growth, Function and Interactions with the Soil, Gregory, P., reviewed by David Robinson, 131
Plant Tissue Culture Engineering, Dutta Gupta, S. and Ibaraki, Y. (Eds), reviewed by Steve Millam, 258
Plant-Environment Interactions. Third Edition, Huang, B. (Ed.), reviewed by Wayne Powell, 406
Plectranthus edulis: Indigenous multiplication and production practices in Chencha and Wolaita, southern Ethiopia (Taye, Willemien, Lommen and Struik), 381
Possibility of early commencement of tapping in rubber (*Hevea brasiliensis*) using different genotypes and tapping systems (Gunasekara, Nugawela, De Costa and Attanayake), 201
Potato genotypes: Identification of stable resistance to *Phytophthora infestans* evaluated in field experiments in Peru (Wulff, Pérez, Nelson, Bonierbale, Landeo and Forbes), 353
Poverty: impact of small-scale dairy farming in the highlands of central Mexico: technical, economic and social aspects (Espinoza-Ortega, Espinosa-Ayala, Bastida-López, Castañeda-Martínez and Arriaga-Jordán), 241
Pumpkin: Effect of population density and sowing date on soil hydrothermal regime, weed control and crop growth in a yam–pumpkin intercrop (Olasantan), 365

Quality Declared Seed System: FAO Plant Production and Protection Paper 185, FAO, reviewed by Steve K. Jones, 261

Results of disseminating the system of rice intensification with farmer field school methods in northern Myanmar (Kabir and Uphoff), 463
Rhizobial inoculation and P fertilization response in common bean (*Phaseolus vulgaris*) under glasshouse and field conditions (Zaman-Allah, Sifi, L'Taief, El Aouni and Drevon), 67
Rhizobial inoculation and P fertilization response in common bean (*Phaseolus vulgaris*) under glasshouse and field conditions (Zaman-Allah, Sifi, L'Taief, El Aouni and Drevon), 67
Rice: Introducing improved cultivars: understanding farmers' seed drying and storage practices in central Ghana (Bam, Craufurd, Dorward, Asiedu, Kumaga and Ofori), 301
Rice: Results of disseminating the system of intensification with farmer field school methods in northern Myanmar (Kabir and Uphoff), 463
Rice-barley dryland agro-ecosystem: variations in biological productivity, grain yield and efficiency of nitrogen use, influence of resource quality of organic inputs on (Singh, Ghoshal and Singh), 149
Rubber: Genotypic variation in canopy photosynthesis, leaf gas exchange characteristics and their response to tapping (Gunasekara, De Costa and Nugawela), 223
Rubber: Possibility of early commencement of tapping using different genotypes and tapping systems (Gunasekara, Nugawela, De Costa and Attanayake), 201

Saffron (Crocus sativus*) Production and Processing*, Kafi, M., Koocheki, A., Rashid, M. H. and Nassiri, N. (Eds), reviewed by Roger W. Smith, 129
Science for Agriculture: A Long-term Perspective. Second Edition, Huffman, W. E. and Evenson, R. E., reviewed by John R. Hillman, 127
Seed Development: Dormancy and Germination, Bradford, K. and Nonogaki, H. (Eds), reviewed by Richard Ellis, 529
Small-scale dairy farming in the highlands of central Mexico: technical, economic and social aspects and their impact on poverty (Espinoza-Ortega, Espinosa-Ayala, Bastida-López, Castañeda-Martínez and Arriaga-Jordán), 241
Sociological Perspectives of Organic Agriculture, Holt, G. C. and Reed, M. (Eds), reviewed by Martin Wolfe, 530
Soil and Water Conservation Handbook, Unger, P. W., reviewed by Stephen Nortcliff, 402
Soil Erosion and Sediment Redistribution in River Catchments, Owens, P. N. and Collins, A. J., reviewed by Paul Kiepe, 402
Soil Respiration and the Environment, Luo, Y. and X. Zhuo, X., reviewed by Werner L. Kutsch, 402
Solanum tuberosum ssr Potato
Sri Lanka: Genotypic variation in canopy photosynthesis, leaf gas exchange characteristics and their response to tapping in rubber (*Hevea brasiliensis*) (Gunasekara, De Costa and Nugawela), 223
Sri Lanka: Possibility of early commencement of tapping in rubber (*Hevea brasiliensis*) using different genotypes and tapping systems (Gunasekara, Nugawela, De Costa and Attanayake), 201
Striga resistance: Evaluation of experimental varieties from recurrent selection in two extra-early maize populations in the savannas of West and Central Africa (Badu-Apraku, Fakorede and Fontem Lum), 183
Sufetula spp. control: a coconut insect pest on peat soils(Bonneau, Husni, Beaudoin-Ollivier and Susilo), 289
Sugar Beet, Draycott, A. P. (Ed.), reviewed by Michael Gooding, 130

Taiwanese Native Medicinal Plants. Phytopharmacology and Therapeutic Values, Li, T. S. C., reviewed by Monique S.J. Simmonds, 267
Tea: Intensity of harvesting (Chandra Mouli, Onsando and Corley), 41

Testing Methods for Seed-Transmitted Viruses: Principles and Protocols, Albrechtesen, S. E., reviewed by Lesley Torrance, 131

The Common Agricultural Policy and Organic Farming, Lynggaard, K., reviewed by Alan Renwick, 530

The economic potential and farmer perceptions of herbaceous legume fallows in Ghana (Obiri, Bright, G., McDonald, M., Jatango, Cobbina and Sinclair), 269

The Encyclopedia of Seeds: Science Technology and Uses, Black, M. Bewley, J. D. and Halmer, P. (Eds), reviewed by Richard Ellis, 408

The Future of Soil Science, Hartemink, A. E., reviewed by Peter J. Gregory, 133

The Molecular Biology and Biotechnology of Flowering. Second Edition, Jordan, B. R. (Ed.), reviewed by Ilse Kranner, 409

The Physiology of Crop Yield. Second edition, Hay, R. K. M. and Porter, J. R., reviewed by Tim Wheeler, 530

The Role of Biotechnology in Exploring and Protecting Agricultural Genetic Resources, Ruane, J. and Sonnino, A., reviewed by Mike Ambrose, 258

The White Man's Burden. Why the West's Efforts to Aid the Rest Have Done So Much Ill and So Little Good, Easterly, W., reviewed by Andrew Bennett, 409

Tomatoes. Crop Production in Horticulture 13, Heuvelink, E., reviewed by David J. Hand, 262

Towards Better Practice in Smallholder Palm Oil Production. Natural Resources Issues Series No. 5, Vermeulen, S. and Goad, N., reviewed by Hereward Corley, 523

Trace Elements in the Environment : Biogeochemistry, Biotechnology and Bioremediation, Prasad, M.N.V., Sajwan, K. S. and Naidu, R.(Eds), reviewed by Andy A. Meharg, 265

Triticum aestivum see Wheat

Tropical Homegardens: A Time-Tested Example of Sustainable Forestry. Springer Series: Advances in Agroforestry. Volume 3, Kumar, B. M. and Nair, P. K. R. (Eds), reviewed by David Gibbon, 263

Vegetable Brassicas and Related Crucifers, Dixon, G. R., reviewed by Brian Smith, 522

Water: Global Common and Global Problems, Grover, Velma I. (Ed.), reviewed by Eric Craswell, 134

West Africa: Participatory varietal selection with improved pearl millet (Omanya, Weltzien-Rattunde, Sogodogo, Sanogo, Hanssens, Guero and Zangre), 5

Wheat trials, on-farm, in Bangladesh: a study to reduce perceived constraints to yield in traditional wheat areas and southern lands that remain fallow during the dry season (Rawson, Gomez-Macpherson, Hossain, Saifuzzaman, Rashid, Sufian, Samad, Sarker, Ahmed, Talukder, Moznur Rahman, Siddique, Hossain and Amin), 21

World Reference Base for Soil Resources. World Soil Resources Report 103, FAO, reviewed by Sam Baxter, 264

Yam–pumpkin intercrop: Effect of population density and sowing date of pumpkin on soil hydrothermal regime, weed control and crop growth (Olasantan), 365

Zea mays see Maize

Zimbabwe: Long-term yield sustainability and financial returns from grain legume–maize intercrops on a sandy soil (Waddington, Mekuria, Siziba and Karigwindi), 489